Title (en)

Driver assistance system comprising distance to obstacle detection

Title (de)

Fahrerassistenzsystem mit Abstandserfassung

Title (fr)

Système d'assistance avec détermination de la distance entre le véhicule et un obstacle

Publication

EP 1787847 A3 20070711 (DE)

Application

EP 06123244 A 20061031

Priority

DE 102005055347 A 20051121

Abstract (en)

[origin: EP1787847A2] The system has a radar sensor (2.1) and video sensor (2.2) for determining distances of objects in a detection region, where an image of the vehicle environment is derived from the data of the sensors. A control device (3) and a display (6) assign distance values to lines of the image such that the distances are determinable from relative line positions of the objects that are detected by the video sensor. The distance values are determined by the radar sensor. An independent claim is also included for a method for determining object distances or the distance of the objects.

IPC 8 full level

B60K 31/00 (2006.01); B60W 40/04 (2006.01); G01S 11/12 (2006.01); G06T 7/00 (2006.01)

CPC (source: EP)

B60W 40/04 (2013.01); G01S 11/12 (2013.01); G06T 7/55 (2016.12); B60W 30/08 (2013.01); B60W 30/16 (2013.01); B60W 2554/4041 (2020.02); G06T 2207/10016 (2013.01); G06T 2207/10028 (2013.01); G06T 2207/30261 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1787847 A2 20070523; EP 1787847 A3 20070711; EP 1787847 B1 20091014; DE 102005055347 A1 20070524; DE 502006005090 D1 20091126

DOCDB simple family (application)

EP 06123244 A 20061031; DE 102005055347 A 20051121; DE 502006005090 T 20061031